

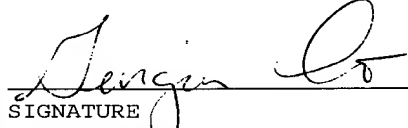
|   |  |   |                  |
|---|--|---|------------------|
| TRANSMITTAL LETTER THE UNITED STATES  |  | Attorney's Docket Number<br>202021/140    |                  |
| DESIGNATED/ELECT. OFFICE (DO/EO/US)   |  |   |                  |
| International Application No.<br>PCT/KR99/00244   | International Filing Date<br>15 May 1999 | Priority Date Claimed<br>02 December 1998 |                  |
| Title of Invention: METHODS FOR REFORMING POLYMER SURFACE FOR IMPROVED WETTABILITY  |  |   |                  |
| Applicant (s) for DO/EO/US: LEE, Sang-Young; AHN, Byeong-In; SONG, Heon-Sik and<br>KIM, Myung-Man   |  |   |                  |
| Applicant herewith submits to the DO/EO/US the following items under 35 U.S.C. 371:   |  |   |                  |
| 1. <input checked="" type="checkbox"/> This express request to immediately begin national examination procedures<br>(35 U.S.C. 371 (f)).  |  |   |                  |
| 2. <input checked="" type="checkbox"/> The U.S. National Fee (35 U.S.C. 371 (c) (1)) and other fees as follows:   |  |   |                  |
| CLAIMS  | (1) FOR                                  | (2) NUMBER FILED                          | (3) NUMBER EXTRA |
| TOTAL CLAIMS  |  | 31 (20)                                   | 11               |
| INDEPENDENT<br>CLAIMS   |  | 4 (3)                                     | 1                |
| MULTIPLE DEPENDENT CLAIM (S) (if applicable)  |  |   |                  |
| BASIC NATIONAL FEE (37) CFR 1.492 (a) (1)-(5)):   |  |   |                  |
| <input type="checkbox"/> International preliminary examination fee paid<br>to USPTO (37 CFR 1.482)..... \$  |  |   |                  |
| <input type="checkbox"/> No international preliminary examination fee<br>paid to USPTO (37 CFR 1.482) but international<br>search fee ( 37 CFR 1.445 (a) (2)) paid to USPTO<br>(37) CFR 1.445 (a) (2))..... \$                                |  |   |                  |
| <input checked="" type="checkbox"/> Neither international preliminary examination<br>fee (37 CFR 1.482) nor international search<br>fee (37 CFR 1.445 (a) (2)) paid to USPTO..... \$970.00  |  |   | \$ 970.00        |
| <input type="checkbox"/> International preliminary examination fee paid<br>to USPTO (37 CFR 1.482) and all claims satis-<br>fied provisions of PCT Article 33 (2) to(4)..... \$   |  |   |                  |
| <input type="checkbox"/> For filing with EPO or JPO search report..... \$   |  |   |                  |
| Surcharge of \$130.00 for furnishing the National fee or oath or<br>Declaration later than <input checked="" type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest<br>claimed priority date (37 CFR 1.482 (f))              |  |   | 130.00           |
| TOTAL OF ABOVE CALCULATIONS   |  |   | = 1376.00        |
| Reduction by 1/2 for filing by small entity, if applicable.<br>Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)   |  |   |                  |
| SUBTOTAL  |  |   | + 1376.00        |
| Processing fee of \$ for furnishing the English Translation<br>later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed<br>priority date (37 CFR 1.482 (f))  |  |   |                  |
| TOTAL NATIONAL FEE  |  |   | \$ 1376.00       |
| TOTAL FEES ENCLOSED   |  |   | \$ 1376.00       |
| a. <input checked="" type="checkbox"/> A check in the amount of \$1376.00 to cover the above fee is enclosed.   |  |   |                  |
| b. <input type="checkbox"/> Please change my Deposit Account No. in the amount of<br>\$ to cover the above fees.<br>A duplicate copy of this sheet is enclosed.   |  |   |                  |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees<br>which may be required, or credit any overpayment to Deposit Account<br>No. 14-1138. A duplicate copy of this sheet is enclosed. |  |   |                  |

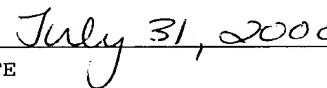
Attorney's Docket Number:  
202021/140

3. A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  - c. ☒ has been transmitted by the International Bureau.
4. ☐ A translation of the International Application into English (35 U.S.C. 371 (c) (2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c) (3)):
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
6. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c) (3)).
7. ☒ A signed oath or declaration of the inventors (35 U.S.C. 371 (c) (4)).
8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c) (5)).
9. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
10. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
11. ☐ A Preliminary Amendment to the to the claims in the Preliminary Examination Report (copy attached).
12. ☐ Other enclosures include:

13. The above checked items are being transmitted
  - a. ☐ before the 18<sup>th</sup> month publication.
  - b. ☒ after publication and the Article 20 communication but before 20 months from the priority date.
  - c. ☐ by 30 months and a proper demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.

NAME: GEORGIA CATON  
ADDRESS: NIXON PEABODY LLP  
CLINTON SQUARE, P.O. BOX 31051  
ROCHESTER, NEW YORK 14603

  
SIGNATURE  
REGISTRATION NUMBER: 44,597

  
DATE

09/601310

534 Rec'd PCT/P<sup>TM</sup> 31 JUL 2000

**EXPRESS MAIL CERTIFICATE**

DOCKET NO.: 202021/140

APPLICANT(S): Lee et al.

TITLE: METHODS FOR REFORMING POLYMER SURFACE FOR IMPROVED  
WETTABILITY

Certificate is attached to the **SIGNED** Combined Declaration  
and Power of Attorney (3 pages) of the above-named application.

"EXPRESS MAIL" NUMBER: EL434486211US

DATE OF DEPOSIT: July 31, 2000

I hereby certify that this paper or fee is being  
deposited with the United States Postal Service "Express Mail Post  
Office to Addressee" service under 37 CFR 1.10 on the date  
indicated above and is addressed to the Commissioner of Patents and  
Trademarks, Box PCT, Washington, D.C. 20231.

Jo Ann Whalen  
(Typed or printed name of person  
mailing paper or fee)

Jo Ann Whalen  
(Signature of person mailing paper or fee)

09/601310

534 Rec'd PCT/PTC 31 JUL 2000

EXPRESS MAIL CERTIFICATE

DOCKET NO.: 202021/140

APPLICANT(S): Lee et al.

TITLE: METHODS FOR REFORMING POLYMER SURFACE FOR IMPROVED  
WETTABILITY

Certificate is attached to the Assignment and Assignment  
Cover Sheet (4 pages) of the above-named application.

"EXPRESS MAIL" NUMBER: EL434486211US

DATE OF DEPOSIT: July 31, 2000

I hereby certify that this paper or fee is being  
deposited with the United States Postal Service "Express Mail Post  
Office to Addressee" service under 37 CFR 1.10 on the date  
indicated above and is addressed to the Commissioner of Patents and  
Trademarks, Box PCT, Washington, D.C. 20231.

Jo Ann Whalen  
(Typed or printed name of person  
mailing paper or fee)

Jo Ann Whalen  
(Signature of person mailing paper or  
fee)

09/601310

## EXPRESS MAIL CERTIFICATE

DOCKET NO.: 202021/140

APPLICANT(S): Lee et al.

TITLE: METHODS FOR REFORMING POLYMER SURFACE FOR IMPROVED  
WETTABILITY

Certificate is attached to the Transmittal Letter to the  
U.S. Designated/Elected Office (DO/EO/US) of the above-named  
application.

"EXPRESS MAIL" NUMBER: EL434486211US

DATE OF DEPOSIT: July 31, 2000

I hereby certify that this paper or fee is being  
deposited with the United States Postal Service "Express Mail Post  
Office to Addressee" service under 37 CFR 1.10 on the date  
indicated above and is addressed to the Commissioner of Patents and  
Trademarks, Box PCT, Washington, D.C. 20231.

Jo Ann Whalen

(Typed or printed name of person  
mailing paper or fee)



(Signature of person mailing paper or  
fee)